

# Statement of Basis of the Federal Operating Permit

EnLink Midstream Services, LLC

Site Name: Bridgeport Gas Plant  
Physical Location: 415 Private Road 3502  
Nearest City: Bridgeport  
County: Wise

Permit Number: O910  
Project Type: Renewal

Standard Industrial Classification (SIC) Code: 1321  
SIC Name: Natural Gas Liquids

This Statement of Basis sets forth the legal and factual basis for the draft permit conditions in accordance with 30 TAC §122.201(a)(4). Per 30 TAC §§ 122.241 and 243, the permit holder has submitted an application under § 122.134 for permit renewal. This document may include the following information:

- A description of the facility/area process description;
- A basis for applying permit shields;
- A list of the federal regulatory applicability determinations;
- A table listing the determination of applicable requirements;
- A list of the New Source Review Requirements;
- The rationale for periodic monitoring methods selected;
- The rationale for compliance assurance methods selected;
- A compliance status; and
- A list of available unit attribute forms.

Prepared on: July 5, 2017

## Operating Permit Basis of Determination

### Permit Area Process Description

The Bridgeport Gas Plant processes both high and low pressure gas entering the facility. Low pressure gas is compressed to the plant inlet pressure while a portion of the high pressure gas is treated in an amine unit to remove contained acid gases consisting mainly of carbon dioxide. Water removal from the commingled inlet gas stream is accomplished in a glycol dehydration unit, along with molecular sieves. The process gas is then cooled in one of three cryogenic gas plants to separate out the natural gas liquids from the gas. A gas driven turbine provides inlet compression for the two smaller plants while refrigeration compression provides supplemental cooling on all three cryogenic units.

The Bridgeport Gas Plant has a complete natural gas liquid (NGL) fractionation train, which consists of a series of distillation towers which separate NGL components to produce propane, isobutane, normal butane, and natural gasoline. Methane is separated from the cryogenic plant NGL in a de-methanizer to produce raw NGL mix which may be transmitted via a pipeline and sold directly. Prior to entering the pipeline distribution system, products are often processed in an additional amine treating unit to ensure they meet carbon dioxide specifications.

A closed loop hot oil system provides heat for the distillation towers and the amine and glycol units. Hot oil heating is provided by waste heat units on the gas turbine exhausts, and supplemental heating is furnished by three natural gas fired hot oil heaters. A small utility boiler is utilized during wintertime operations. A portion of the residual gas is stored onsite and used for fuel in combustion units.

Two other distillation towers at the facility, which are not part of the product fractionation towers, separate field condensates into natural gasoline and heavy condensate streams. The plant has a safety flare to handle upsets from propane pressure vessels. Generators provide a portion of facility's electrical power and rail service is available for exporting or importing products.

### FOPs at Site

The "application area" consists of the emission units and that portion of the site included in the application and this permit. Multiple FOPs may be issued to a site in accordance with 30 TAC § 122.201(e). When there is only one area for the site, then the application information and permit will include all units at the site. Additional FOPs that exist at the site, if any, are listed below.

Additional FOPs: None

### Major Source Pollutants

The table below specifies the pollutants for which the site is a major source:

Major Pollutants	VOC, SO <sub>2</sub> , NO <sub>X</sub> , HAPS, CO
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### Reading State of Texas's Federal Operating Permit

The Title V Federal Operating Permit (FOP) lists all state and federal air emission regulations and New Source Review (NSR) authorizations (collectively known as "applicable requirements") that apply at a particular site or permit area (in the event a site has multiple FOPs). **The FOP does not authorize new emissions or new construction activities.** The FOP begins with an introductory page which is common to all Title V permits. This page gives the details of the company, states the authority of the issuing agency, requires the company to operate in accordance with this permit and 30 Texas Administrative Code (TAC) Chapter 122, requires adherence with NSR requirements of 30 TAC Chapter 116, and finally indicates the permit number and the issuance date.

This is followed by the table of contents, which is generally composed of the following elements. Not all permits will have all of the elements.

- General Terms and Conditions
- Special Terms and Conditions
  - Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting
  - Additional Monitoring Requirements
  - New Source Review Authorization Requirements
  - Compliance Requirements
  - Protection of Stratosphere Ozone
  - Permit Location
  - Permit Shield (30 TAC § 122.148)
- Attachments
  - Applicable Requirements Summary
    - Unit Summary
    - Applicable Requirements Summary
  - Additional Monitoring Requirements
  - Permit Shield
  - New Source Review Authorization References
  - Compliance Plan
  - Alternative Requirements
- Appendix A
  - Acronym list
- Appendix B
  - Copies of major NSR authorizations

#### General Terms and Conditions

The General Terms and Conditions are the same and appear in all permits. The first paragraph lists the specific citations for 30 TAC Chapter 122 requirements that apply to all Title V permit holders. The second paragraph describes the requirements for record retention. The third paragraph provides details for voiding the permit, if applicable. The fourth paragraph states that the permit holder shall comply with the requirements of 30 TAC Chapter 116 by obtaining a New Source Review authorization prior to new construction or modification of emission units located in the area covered by this permit. The fifth paragraph provides details on submission of reports required by the permit.

#### Special Terms and Conditions

Emissions Limitations and Standards, Monitoring and Testing, and Recordkeeping and Reporting. The TCEQ has designated certain applicable requirements as site-wide requirements. A site-wide requirement is a requirement that applies uniformly to all the units or activities at the site. Units with only site-wide requirements are addressed on Form OP-REQ1 and are not required to be listed separately on a OP-UA Form or Form OP-SUM. Form OP-SUM must list all units addressed in the application and provide identifying information, applicable OP-UA Forms, and preconstruction authorizations. The various OP-UA Forms provide the characteristics of each unit from which applicable requirements are established. Some exceptions exist as a few units may have both site-wide requirements and unit specific requirements.

Other conditions. The other entries under special terms and conditions are in general terms referring to compliance with the more detailed data listed in the attachments.

#### Attachments

Applicable Requirements Summary. The first attachment, the Applicable Requirements Summary, has two tables, addressing unit specific requirements. The first table, the Unit Summary, includes a list of units with applicable requirements, the unit type, the applicable regulation, and the requirement driver. The intent of the requirement driver is to inform the reader that a given unit may have several different operating scenarios and the differences between those operating scenarios.

The applicable requirements summary table provides the detailed citations of the rules that apply to the various units. For each unit and operating scenario, there is an added modifier called the "index number," detailed citations specifying monitoring and testing requirements, recordkeeping requirements, and reporting requirements. The data for this table are based on data supplied by the applicant on the OP-SUM and various OP-UA forms.

**Additional Monitoring Requirement.** The next attachment includes additional monitoring the applicant must perform to ensure compliance with the applicable standard. Compliance assurance monitoring (CAM) is often required to provide a reasonable assurance of compliance with applicable emission limitations/standards for large emission units that use control devices to achieve compliance with applicant requirements. When necessary, periodic monitoring (PM) requirements are specified for certain parameters (i.e. feed rates, flow rates, temperature, fuel type and consumption, etc.) to determine if a term and condition or emission unit is operating within specified limits to control emissions. These additional monitoring approaches may be required for two reasons. First, the applicable rules do not adequately specify monitoring requirements (exception- Maximum Achievable Control Technology Standards (MACTs) generally have sufficient monitoring), and second, monitoring may be required to fill gaps in the monitoring requirements of certain applicable requirements. In situations where the NSR permit is the applicable requirement requiring extra monitoring for a specific emission unit, the preferred solution is to have the monitoring requirements in the NSR permit updated so that all NSR requirements are consolidated in the NSR permit.

**Permit Shield.** A permit may or may not have a permit shield, depending on whether an applicant has applied for, and justified the granting of, a permit shield. A permit shield is a special condition included in the permit document stating that compliance with the conditions of the permit shall be deemed compliance with the specified potentially applicable requirement(s) or specified applicable state-only requirement(s).

**New Source Review Authorization References.** All activities which are related to emissions in the state of Texas must have a NSR authorization prior to beginning construction. This section lists all units in the permit and the NSR authorization that allowed the unit to be constructed or modified. Units that do not have unit specific applicable requirements other than the NSR authorization do not need to be listed in this attachment. While NSR permits are not physically a part of the Title V permit, they are legally incorporated into the Title V permit by reference. Those NSR permits whose emissions exceed certain PSD/NA thresholds must also undergo a Federal review of federally regulated pollutants in addition to review for state regulated pollutants.

**Compliance Plan.** A permit may have a compliance schedule attachment for listing corrective actions plans for any emission unit that is out of compliance with an applicable requirement.

**Alternative Requirements.** This attachment will list any alternative monitoring plans or alternative means of compliance for applicable requirements that have been approved by the EPA Administrator and/or the TCEQ Executive Director.

#### Appendix A

Acronym list. This attachment lists the common acronyms used when discussing the FOPs.

#### Appendix B

Copies of major NSR authorizations applicable to the units covered by this permit have been included in this Appendix, to ensure that all interested persons can access those authorizations.

### **Stationary vents subject to 30 TAC Chapter 111, Subchapter A, § 111.111(a)(1)(B) addressed in the Special Terms and Conditions**

The site contains stationary vents with a flowrate less than 100,000 actual cubic feet per minute (acfm) and constructed after January 31, 1972 which are limited, over a six-minute average, to 20% opacity as required by 30 TAC § 111.111(a)(1)(B). As a site may have a large number of stationary vents that fall into this category, they are not required to be listed individually in the permit's Applicable Requirement Summary. This is consistent with EPA's White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995, that states that requirements that apply identically to emission units at a site can be treated on a generic basis such as source-wide opacity limits.

Periodic monitoring is specified in Special Term and Condition 3.A for stationary vents subject to 30 TAC § 111.111(a)(1)(B) to verify compliance with the 20% opacity limit. These vents are not expected to produce visible emissions during normal operation. The TCEQ evaluated the probability of these sources violating the opacity standards and determined that there is a very low potential that an opacity standard would be exceeded. It was determined that continuous monitoring for these sources is not warranted as there would be very limited environmental benefit in continuously monitoring sources that have a low potential to produce visible emissions. Therefore, the TCEQ set the visible observation monitoring frequency for these sources to once per calendar quarter.

The TCEQ has exempted vents that are not capable of producing visible emissions from periodic monitoring requirements. These vents include sources of colorless VOCs, non-fuming liquids, and other materials that cannot produce emissions that obstruct the transmission of light. Passive ventilation vents, such as plumbing vents, are also included in this category. Since this category of vents are not capable of producing opacity due to the physical or chemical characteristics of the emission source, periodic monitoring is not required as it would not yield any additional data to assure compliance with the 20% opacity standard of 30 TAC § 111.111(a)(1)(B).

In the event that visible emissions are detected, either through the quarterly observation or other credible evidence, such as observations from company personnel, the permit holder shall either report a deviation or perform a Test Method 9 observation to determine the opacity consistent with the 6-minute averaging time specified in 30 TAC § 111.111(a)(1)(B). An additional provision is included to monitor combustion sources more frequently than quarterly if alternate fuels are burned for periods greater than 24 consecutive hours. This will address possible emissions that may arise when switching fuel types.

### **Federal Regulatory Applicability Determinations**

The following chart summarizes the applicability of the principal air pollution regulatory programs to the permit area:

<b>Regulatory Program</b>	<b>Applicability (Yes/No)</b>
Prevention of Significant Deterioration (PSD)	Yes
Nonattainment New Source Review (NNSR)	No
Minor NSR	Yes
40 CFR Part 60 - New Source Performance Standards	Yes
40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants (NESHAPs)	No
40 CFR Part 63 - NESHAPs for Source Categories	Yes
Title IV (Acid Rain) of the Clean Air Act (CAA)	No
Title V (Federal Operating Permits) of the CAA	Yes
Title VI (Stratospheric Ozone Protection) of the CAA	Yes
CSAPR (Cross-State Air Pollution Rule)	No

## Insignificant Activities

In general, units not meeting the criteria for inclusion on either Form OP-SUM or Form OP-REQ1 are not required to be addressed in the operating permit application. Examples of these types of units include, but are not limited to, the following:

1. Office activities such as photocopying, blueprint copying, and photographic processes.
2. Sanitary sewage collection and treatment facilities other than those used to incinerate wastewater treatment plant sludge. Stacks or vents for sanitary sewer plumbing traps are also included.
3. Food preparation facilities including, but not limited to, restaurants and cafeterias used for preparing food or beverages primarily for consumption on the premises.
4. Outdoor barbecue pits, campfires, and fireplaces.
5. Laundry dryers, extractors, and tumblers processing bedding, clothing, or other fabric items generated primarily at the premises. This does not include emissions from dry cleaning systems using perchloroethylene or petroleum solvents.
6. Facilities storing only dry, sweet natural gas, including natural gas pressure regulator vents.
7. Any air separation or other industrial gas production, storage, or packaging facility. Industrial gases, for purposes of this list, include only oxygen, nitrogen, helium, neon, argon, krypton, and xenon.
8. Storage and handling of sealed portable containers, cylinders, or sealed drums.
9. Vehicle exhaust from maintenance or repair shops.
10. Storage and use of non-VOC products or equipment for maintaining motor vehicles operated at the site (including but not limited to, antifreeze and fuel additives).
11. Air contaminant detectors and recorders, combustion controllers and shut-off devices, product analyzers, laboratory analyzers, continuous emissions monitors, other analyzers and monitors, and emissions associated with sampling activities. Exception to this category includes sampling activities that are deemed fugitive emissions and under a regulatory leak detection and repair program.
12. Bench scale laboratory equipment and laboratory equipment used exclusively for chemical and physical analysis, including but not limited to, assorted vacuum producing devices and laboratory fume hoods.
13. Steam vents, steam leaks, and steam safety relief valves, provided the steam (or boiler feed water) has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
14. Storage of water that has not contacted other materials or fluids containing regulated air pollutants other than boiler water treatment chemicals.
15. Well cellars.
16. Fire or emergency response equipment and training, including but not limited to, use of fire control equipment including equipment testing and training, and open burning of materials or fuels associated with firefighting training.
17. Crucible or pot furnaces with a brim full capacity of less than 450 cubic inches of any molten metal.
18. Equipment used exclusively for the melting or application of wax.
19. All closed tumblers used for the cleaning or deburring of metal products without abrasive blasting, and all open tumblers with a batch capacity of 1,000 lbs. or less.
20. Shell core and shell mold manufacturing machines.
21. Sand or investment molds with a capacity of 100 lbs. or less used for the casting of metals;
22. Equipment used for inspection of metal products.
23. Equipment used exclusively for rolling, forging, pressing, drawing, spinning, or extruding either hot or cold metals by some mechanical means.
24. Instrument systems utilizing air, natural gas, nitrogen, oxygen, carbon dioxide, helium, neon, argon, krypton, and xenon.
25. Battery recharging areas.
26. Brazing, soldering, or welding equipment.

## Determination of Applicable Requirements

The tables below include the applicability determinations for the emission units, the index number(s) where applicable, and all relevant unit attribute information used to form the basis of the applicability determination. The unit attribute information is a description of the physical properties of an emission unit which is used to determine the requirements to

which the permit holder must comply. For more information about the descriptions of the unit attributes specific Unit Attribute Forms may be viewed at [www.tceq.texas.gov/permitting/air/nav/air\\_all\\_ua\\_forms.html](http://www.tceq.texas.gov/permitting/air/nav/air_all_ua_forms.html).

A list of unit attribute forms is included at the end of this document. Some examples of unit attributes include construction date; product stored in a tank; boiler fuel type; etc.. Generally, multiple attributes are needed to determine the requirements for a given emission unit and index number. The table below lists these attributes in the column entitled "Basis of Determination." Attributes that demonstrate that an applicable requirement applies will be the factual basis for the specific citations in an applicable requirement that apply to a unit for that index number. The TCEQ Air Permits Division has developed flowcharts for determining applicability of state and federal regulations based on the unit attribute information in a Decision Support System (DSS). These flowcharts can be accessed via the internet at [www.tceq.texas.gov/permitting/air/nav/air\\_supportsys.html](http://www.tceq.texas.gov/permitting/air/nav/air_supportsys.html). The Air Permits Division staff may also be contacted for assistance at (512) 239-1250.

The attributes for each unit and corresponding index number provide the basis for determining the specific legal citations in an applicable requirement that apply, including emission limitations or standards, monitoring, recordkeeping, and reporting. The rules were found to apply or not apply by using the unit attributes as answers to decision questions found in the flowcharts of the DSS. Some additional attributes indicate which legal citations of a rule apply. The legal citations that apply to each emission unit may be found in the Applicable Requirements Summary table of the draft permit. There may be some entries or rows of units and rules not found in the permit, or if the permit contains a permit shield, repeated in the permit shield area. These are sets of attributes that describe negative applicability, or; in other words, the reason why a potentially applicable requirement does not apply.

If applicability determinations have been made which differ from the available flowcharts, an explanation of the decisions involved in the applicability determination is specified in the column "Changes and Exceptions to RRT." If there were no exceptions to the DSS, then this column has been removed.

The draft permit includes all emission limitations or standards, monitoring, recordkeeping and reporting required by each applicable requirement. If an applicable requirement does not require monitoring, recordkeeping, or reporting, the word "None" will appear in the Applicable Requirements Summary table. If additional periodic monitoring is required for an applicable requirement, it will be explained in detail in the portion of this document entitled "Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected."

When attributes demonstrate that a unit is not subject to an applicable requirement, the applicant may request a permit shield for those items. The portion of this document entitled "Basis for Applying Permit Shields" specifies which units, if any, have a permit shield.

#### Operational Flexibility

When an emission unit has multiple operating scenarios, it will have a different index number associated with each operating condition. This means that units are permitted to operate under multiple operating conditions. The applicable requirements for each operating condition are determined by a unique set of unit attributes. For example, a tank may store two different products at different points in time. The tank may, therefore, need to comply with two distinct sets of requirements, depending on the product that is stored. Both sets of requirements are included in the permit, so that the permit holder may store either product in the tank.

### Determination of Applicable Requirements

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-09	30 TAC Chapter 117, Subchapter B	117ENG-003	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-09	40 CFR Part 60, Subpart JJJJ	60JJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-09	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-2LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 2 stroke spark ignited lean burn engine	
E-09A	30 TAC Chapter 117, Subchapter B	117ENG-003	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-09A	40 CFR Part 60, Subpart JJJJ	60JJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-09A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-2LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 2 stroke spark ignited lean burn engine	
E-14	40 CFR Part 60, Subpart JJJJ	60JJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-14	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-2LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 2 stroke spark ignited lean burn engine	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-15	30 TAC Chapter 117, Subchapter B	117ENG-004	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-15	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-15	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-2LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 2 stroke spark ignited lean burn engine	
E-26A	30 TAC Chapter 117, Subchapter B	117ENG-001	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Rich-burn	
E-26A	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-26A	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-RB1	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Control Technique = Non-selective catalytic reduction Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies. Emission Limitation = Reducing formaldehyde emission by 76% or greater Monitoring System = Monitoring system other than a CPMS or CEMS Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
E-29	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-29	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-29	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-31	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-31	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-31	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-32	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-32	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-32	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-33	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-33	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-33	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-46	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-46	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-46	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-54	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-54	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-54	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Control Technique = Oxidation catalyst Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Emission Limitation = Reducing carbon monoxide emissions from the stationary RICE</p> <p>Monitoring System = Monitoring system other than a CPMS or CEMS</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = 4 stroke spark ignited lean burn engine.</p>	
E-74	30 TAC Chapter 117, Subchapter B	117ENG-001	<p>Type of Service = SRIC engine not meeting an exemption</p> <p>Fuel Fired = Natural gas</p> <p>Engine Type = Rich-burn</p>	
E-74	40 CFR Part 60, Subpart JJJJ	60JJJJ03	<p>Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006.</p> <p>Manufactured Date = Date of manufacture is on or after July 1, 2010.</p> <p>Test Cell = The SI ICE is not being tested at an engine test cell/stand.</p> <p>Certified = Purchased a non-certified SI ICE.</p> <p>National Security = The SI ICE is not eligible for exemption due to national security.</p> <p>Temp Replacement = The SI ICE is not acting as a temporary replacement.</p> <p>Horsepower = Maximum engine power greater than or equal to 500 HP and less than 1350 HP.</p> <p>Fuel = SI ICE that uses natural gas.</p> <p>Service = SI ICE is a non-emergency engine.</p> <p>Commencing = SI ICE that is commencing new construction.</p>	
E-74	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-RB2	<p>HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.</p> <p>Brake HP = Stationary RICE with a brake HP greater than 500 HP.</p> <p>Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Control Technique = Non-selective catalytic reduction</p> <p>Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies.</p> <p>Emission Limitation = Reducing formaldehyde emission by 76% or greater</p> <p>Monitoring System = Continuous parameter monitoring system</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = 4 stroke spark ignited rich burn engine</p>	
E-76	30 TAC Chapter 117, Subchapter B	117ENG-002	<p>Type of Service = SRIC engine not meeting an exemption</p> <p>Fuel Fired = Natural gas</p> <p>Engine Type = Lean-burn</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
E-76	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-76	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-77	30 TAC Chapter 117, Subchapter B	117ENG-004	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-77	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-77	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-4LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002. Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
E-78	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
E-78	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
E-78	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance Construction/Reconstruction Date = Commenced construction or reconstruction on or after December 19, 2002, but before June 12, 2006. Control Technique = Oxidation catalyst Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Emission Limitation = Reducing carbon monoxide emissions from the stationary RICE</p> <p>Monitoring System = Monitoring system other than a CPMS or CEMS</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = 4 stroke spark ignited lean burn engine.</p>	
E-79	30 TAC Chapter 117, Subchapter B	117ENG-005	<p>Type of Service = Existing diesel fuel-fired engine, located in the Dallas/Fort Worth Eight-Hour ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average that has not been modified, reconstructed or relocated on or after June 1, 2007</p> <p>Fuel Fired = Petroleum-based diesel fuel</p>	
E-79	40 CFR Part 60, Subpart IIII	60III-01	<p>Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005.</p> <p>Diesel = Diesel fuel is used.</p> <p>Kilowatts = Power rating greater than or equal to 368 KW and less than or equal to 560KW.</p> <p>Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a temporary replacement.</p> <p>Displacement = Displacement is less than 10 liters per cylinder and engine is a constant-speed engine.</p> <p>Service = CI ICE is an emergency engine.</p> <p>Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p> <p>Generator Set = The CI ICE is a generator set engine.</p> <p>Manufacture Date = Date of manufacture was after 04/01/2006.</p> <p>Model Year = CI ICE was manufactured in model year 2012.</p>	
E-79	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-CI1	<p>HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.</p> <p>Brake HP = Stationary RICE with a brake HP greater than 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p> <p>Stationary RICE Type = Compression ignition engine</p>	
GRP MACTRB1	30 TAC Chapter 117, Subchapter B	117ENG-001	<p>Horsepower Rating = HP is greater than or equal to 300</p> <p>Type of Service = SRIC engine not meeting an exemption</p> <p>Fuel Fired = Natural gas</p> <p>Engine Type = Rich-burn</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP MACTRB1	40 CFR Part 60, Subpart JJJJ	60JJJJNA	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification prior to June 12, 2006.	
GRP MACTRB1	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-RB1	<p>HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.</p> <p>Brake HP = Stationary RICE with a brake HP greater than 500 HP.</p> <p>Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction before December 19, 2002.</p> <p>Control Technique = Non-selective catalytic reduction</p> <p>Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies.</p> <p>Emission Limitation = Reducing formaldehyde emission by 76% or greater</p> <p>Monitoring System = Monitoring system other than a CPMS or CEMS</p> <p>Service Type = Normal use.</p> <p>Stationary RICE Type = 4 stroke spark ignited rich burn engine</p>	
GRP MACTRB2	30 TAC Chapter 117, Subchapter B	117ENG-001	<p>Horsepower Rating = HP is greater than or equal to 300</p> <p>Type of Service = SRIC engine not meeting an exemption</p> <p>Fuel Fired = Natural gas</p> <p>Engine Type = Rich-burn</p>	
GRP MACTRB2	40 CFR Part 60, Subpart JJJJ	60JJJJ02	<p>Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006.</p> <p>Manufactured Date = Date of manufacture is on or after July 1, 2007 to June 30, 2010.</p> <p>Test Cell = The SI ICE is not being tested at an engine test cell/stand.</p> <p>Certified = Purchased a non-certified SI ICE.</p> <p>National Security = The SI ICE is not eligible for exemption due to national security.</p> <p>Temp Replacement = The SI ICE is not acting as a temporary replacement.</p> <p>Horsepower = Maximum engine power greater than or equal to 500 HP and less than 1350 HP.</p> <p>Fuel = SI ICE that uses natural gas.</p> <p>Service = SI ICE is a non-emergency engine.</p> <p>Commencing = SI ICE that is commencing new construction.</p>	
GRP MACTRB2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-RB2	<p>HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.</p> <p>Brake HP = Stationary RICE with a brake HP greater than 500 HP.</p> <p>Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Control Technique = Non-selective catalytic reduction Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies. Emission Limitation = Reducing formaldehyde emission by 76% or greater Monitoring System = Monitoring system other than a CPMS or CEMS Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited rich burn engine	
GRP NSPSMCT	30 TAC Chapter 117, Subchapter B	117ENG-002	Horsepower Rating = HP is greater than or equal to 300 Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
GRP NSPSMCT	40 CFR Part 60, Subpart JJJJ	60JJJJ01	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006. Manufactured Date = Date of manufacture is on or after July 1, 2010. Test Cell = The SI ICE is not being tested at an engine test cell/stand. Certified = Purchased a non-certified SI ICE. National Security = The SI ICE is not eligible for exemption due to national security. Temp Replacement = The SI ICE is not acting as a temporary replacement. Horsepower = Maximum engine power greater than or equal to 1350 HP. Fuel = SI ICE that uses natural gas. Service = SI ICE is a non-emergency engine. Commencing = SI ICE that is commencing new construction.	
GRP NSPSMCT	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Control Technique = Oxidation catalyst Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies. Emission Limitation = Reducing carbon monoxide emissions from the stationary RICE Monitoring System = Monitoring system other than a CPMS or CEMS Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRP NSPSMCT2	30 TAC Chapter 117, Subchapter B	117ENG-002	Type of Service = SRIC engine not meeting an exemption Fuel Fired = Natural gas Engine Type = Lean-burn	
GRP NSPSMCT2	40 CFR Part 60, Subpart JJJJ	60JJJJ-LB2	Construction/Reconstruction/Modification Date = The stationary spark ignition (SI) internal combustion engine (ICE) commenced construction, reconstruction or modification after June 12, 2006. Manufactured Date = Date of manufacture is on or after July 1, 2007 to June 30, 2010. Test Cell = The SI ICE is not being tested at an engine test cell/stand. Certified = Purchased a non-certified SI ICE. National Security = The SI ICE is not eligible for exemption due to national security. Temp Replacement = The SI ICE is not acting as a temporary replacement. Horsepower = Maximum engine power greater than or equal to 1350 HP. Fuel = SI ICE that uses natural gas. Service = SI ICE is a non-emergency engine. Commencing = SI ICE that is commencing new construction.	
GRP NSPSMCT2	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-LB	HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2. Brake HP = Stationary RICE with a brake HP greater than 500 HP. Performance Test = No previous performance test used, a performance test is conducted to demonstrate initial compliance Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006. Control Technique = Oxidation catalyst Different Schedule = Schedule specified in Subpart ZZZZ for submission of reports applies. Emission Limitation = Reducing carbon monoxide emissions from the stationary RICE Monitoring System = Continuous parameter monitoring system Service Type = Normal use. Stationary RICE Type = 4 stroke spark ignited lean burn engine.	
GRPFWPU MP	30 TAC Chapter 117, Subchapter B	117ENG-005	Type of Service = New, modified, reconstructed or relocated diesel fuel-fired engine, placed into service on or after June 1, 2007, located in the Dallas/Fort Worth ozone nonattainment area, operated less than 100 hours/year, on a rolling 12-month average (other than Fuel Fired = Petroleum-based diesel fuel	
GRPFWPU MP	40 CFR Part 60, Subpart IIII	60IIII-02	Applicability Date = Stationary CI ICE commenced construction, reconstruction, or modification after 07/11/2005. Diesel = Diesel fuel is used. Kilowatts = Power rating is greater than or equal to 130 KW and less than or equal to 368 KW. Exemptions = The CI ICE is not exempt due to national security, testing at an engine test cell/stand or as a	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>temporary replacement.</p> <p>Displacement = Displacement is less than 10 liters per cylinder.</p> <p>Service = CI ICE is a fire-pump engine, an emergency engine certified to National Fire Protection Association requirements.</p> <p>Standards = The emergency CI ICE does not meet the standards applicable to non-emergency engines.</p> <p>Commencing = CI ICE was newly constructed after 07/11/2005.</p> <p>Compliance Option = The CI ICE and control device is installed, configured, operated, and maintained according to the manufacturer's emission-related written instructions.</p> <p>Generator Set = The CI ICE is not a generator set engine.</p> <p>Manufacture Date = Date of manufacture was after 07/01/2006.</p> <p>Model Year = CI ICE was manufactured in model year 2014.</p>	
GRPFWPU MP	40 CFR Part 63, Subpart ZZZZ	63ZZZZ-CI2	<p>HAP Source = Any stationary source or group of stationary sources of hazardous air pollutants meeting the definition of a major source as described in 40 CFR § 63.2.</p> <p>Brake HP = Stationary RICE with a brake HP greater than or equal to 300 HP and less than or equal to 500 HP.</p> <p>Construction/Reconstruction Date = Commenced construction or reconstruction on or after June 12, 2006.</p> <p>Service Type = Emergency use where the RICE does not operate as specified in 40 CFR §63.6640(f)(2)(ii) and (iii) or does not operate as specified in 40 CFR §63.6640(f)(4)(ii).</p> <p>Stationary RICE Type = Compression ignition engine</p>	
GRPTK210	30 TAC Chapter 115, Storage of VOCs	115TK-001	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p>	
GRPTK210	40 CFR Part 60, Subpart Kb	60Kb-001	<p>Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer</p> <p>Storage Capacity = Capacity is less than 10,600 gallons (40,000 liters)</p>	
GRPTK403	30 TAC Chapter 115, Storage of VOCs	115TK-001	<p>Today's Date = Today's date is March 1, 2013 or later.</p> <p>Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria.</p> <p>Tank Description = Tank using a submerged fill pipe</p> <p>True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia</p> <p>Product Stored = Crude oil and/or condensate</p> <p>Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GRPTK403	40 CFR Part 60, Subpart Kb	60Kb-002	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	
GRPTK504	30 TAC Chapter 115, Storage of VOCs	115TK-001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons	
GRPTK504	40 CFR Part 60, Subpart Kb	60Kb-003	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated prior to custody transfer Storage Capacity = Capacity is less than or equal to 420,000 gallons (1,589,874 liters)	
T-107	30 TAC Chapter 115, Storage of VOCs	115TK-001	Today's Date = Today's date is March 1, 2013 or later. Alternate Control Requirement = Not using an alternate method for demonstrating and documenting continuous compliance with applicable control requirements or exemption criteria. Tank Description = Tank using a submerged fill pipe True Vapor Pressure = True vapor pressure is greater than or equal to 1.5 psia Product Stored = Crude oil and/or condensate Storage Capacity = Capacity is greater than 1,000 gallons but less than or equal to 40,000 gallons	
T-107	40 CFR Part 60, Subpart Kb	60Kb-002	Product Stored = Petroleum (other than crude oil) or condensate stored, processed, and/or treated after custody transfer Storage Capacity = Capacity is greater than or equal to 10,600 gallons (40,000 liters) but less than 19,800 gallons (75,000 liters)	
LOAD2	30 TAC Chapter 115, Loading and Unloading of VOC	115LOAD	Chapter 115 Control Device Type = Control device other than a flare, vapor combustor, catalytic incinerator, direct flame incinerator, chiller, or carbon adsorption system. Chapter 115 Facility Type = Facility type other than a gasoline terminal, gasoline bulk plant, motor vehicle fuel dispensing facility or marine terminal. Alternate Control Requirement (ACR) = No alternate control requirements are being utilized. Vapor Tight = All liquid and vapor lines are equipped with fittings which make vapor-tight connections that close automatically when disconnected. Product Transferred = Volatile organic compounds other than liquefied petroleum gas and gasoline. Transfer Type = Only loading. True Vapor Pressure = True vapor pressure greater than or equal to 0.5 psia.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Daily Throughput = Loading greater than or equal to 20,000 gallons per day. Control Options = Vapor control system that maintains a control efficiency of at least 90%.	
H-03	40 CFR Part 63, Subpart DDDDD	63DDDDD-002	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-13K	40 CFR Part 63, Subpart DDDDD	63DDDDD-002	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-14	40 CFR Part 63, Subpart DDDDD	63DDDDD-002	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-15	30 TAC Chapter 117, Subchapter B	117HTR-001	Unit Type = Other industrial, commercial, or institutional boiler.	
H-15	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = Constructed or reconstructed after July 9, 1997, and on or before February 28, 2005. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW). Subpart Da = The affected facility does not meet applicability requirements of 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing steam generating unit, which was not previously subject to 40 CFR Part 60, Subpart Db, for the sole purpose of combusting gases containing totally reduced sulfur as defined under 40 CFR § 60.281. Subpart Ea, Eb or AAAA = The affected facility does not meet applicability requirements of and is subject to 40 CFR Part 60, Subpart Ea, Eb or AAAA.	
H-15	40 CFR Part 60, Subpart Dc	60Dc	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. PM Monitoring Type = No particulate monitoring. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). SO2 Inlet Monitoring Type = No SO <sub>2</sub> monitoring. Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB. SO2 Outlet Monitoring Type = No SO <sub>2</sub> monitoring. Heat Input Capacity = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW). Technology Type = None. D-Series Fuel Type = Natural gas. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF.	
H-15	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
H-16	40 CFR Part 63, Subpart DDDDD	63DDDDD-002	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-18	30 TAC Chapter 117, Subchapter B	117HTR-001	Unit Type = Other industrial, commercial, or institutional boiler.	
H-18	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	
H-18	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = Constructed or reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	
H-18	40 CFR Part 60, Subpart Dc	60Dc02	Construction/Modification Date = After June 9, 1989 but on or before February 28, 2005. PM Monitoring Type = No particulate monitoring. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). SO2 Inlet Monitoring Type = No SO <sub>2</sub> monitoring. Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB. SO2 Outlet Monitoring Type = No SO <sub>2</sub> monitoring. Heat Input Capacity = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW). Technology Type = None. D-Series Fuel Type = Natural gas. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. 30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.	
H-18	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-19	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
H-19	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = Constructed or reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	
H-19	40 CFR Part 60, Subpart Dc	60Dc03	Construction/Modification Date = After February 28, 2005. PM Monitoring Type = No particulate monitoring. Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW). SO2 Inlet Monitoring Type = No SO <sub>2</sub> monitoring. Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB. SO2 Outlet Monitoring Type = No SO <sub>2</sub> monitoring. Heat Input Capacity = Heat input capacity is greater than 10 MMBtu/hr (2.9 MW) but less than 30 MMBtu/hr (8.7 MW). Technology Type = None. D-Series Fuel Type = Natural gas. ACF Option - SO2 = Other ACF or no ACF. ACF Option - PM = Other ACF or no ACF. 30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.	
H-19	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-20	40 CFR Part 63, Subpart DDDDD	63DDDDD-003	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-22	30 TAC Chapter 117, Subchapter B	117HTR-001	Unit Type = Other industrial, commercial, or institutional boiler.	
H-22	40 CFR Part 60, Subpart D	60D	Construction/Modification Date = After September 18, 1978. Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da. Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit. Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).	
H-22	40 CFR Part 60, Subpart Db	60Db	Construction/Modification Date = Constructed or reconstructed after February 28, 2005. Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).	
H-22	40 CFR Part 60, Subpart Dc	60Dc04	Construction/Modification Date = After February 28, 2005. PM Monitoring Type = No particulate monitoring.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO2 Inlet Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO2 Outlet Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>Heat Input Capacity = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW).</p> <p>Technology Type = None.</p> <p>D-Series Fuel Type = Natural gas.</p> <p>ACF Option - SO2 = Other ACF or no ACF.</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.</p>	
H-22	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
H-23	40 CFR Part 60, Subpart D	60D	<p>Construction/Modification Date = After September 18, 1978.</p> <p>Covered Under Subpart Da = The steam generating unit is not covered under 40 CFR Part 60, Subpart Da.</p> <p>Changes to Existing Affected Facility = No change has been made to the existing fossil fuel-fired steam generating unit.</p> <p>Heat Input Rate = Heat input rate is less than or equal to 250 MMBtu/hr (73 MW).</p>	
H-23	40 CFR Part 60, Subpart Db	60Db	<p>Construction/Modification Date = Constructed or reconstructed after February 28, 2005.</p> <p>Heat Input Capacity = Heat input capacity is less than or equal to 100 MMBtu/hr (29 MW).</p>	
H-23	40 CFR Part 60, Subpart Dc	60Dc04	<p>Construction/Modification Date = After February 28, 2005.</p> <p>PM Monitoring Type = No particulate monitoring.</p> <p>Maximum Design Heat Input Capacity = Maximum design heat input capacity is greater than or equal to 10 MMBtu/hr (2.9 MW) but less than or equal to 100 MMBtu (29 MW).</p> <p>SO2 Inlet Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>Other Subparts = The facility is not covered under 40 CFR Part 60, Subparts AAAA or KKKK, or under an approved State or Federal section 111(d)/129 plan implementing 40 CFR Part 60, Subpart BBBB.</p> <p>SO2 Outlet Monitoring Type = No SO<sub>2</sub> monitoring.</p> <p>Heat Input Capacity = Heat input capacity is greater than or equal to 30 MMBtu/hr (8.7 MW) but less than or equal to 75 MMBtu/hr (22 MW).</p> <p>Technology Type = None.</p> <p>D-Series Fuel Type = Natural gas.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>ACF Option - SO<sub>2</sub> = Other ACF or no ACF.</p> <p>ACF Option - PM = Other ACF or no ACF.</p> <p>30% Coal Duct Burner = The facility does not combust coal in a duct burner as part of a combined cycle system; or more than 30% of the heat is from combustion of coal and less than 70% is from exhaust gases entering the duct burner.</p>	
H-23	40 CFR Part 63, Subpart DDDDD	63DDDDD-001	Construction/Reconstruction Date = Construction or reconstruction began on or before June 4, 2010.	
FL-01A	30 TAC Chapter 111, Visible Emissions	30TAC111-01	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p> <p>Alternate Opacity Limitation = Not complying with an alternate opacity limit under 30 TAC § 111.113.</p>	
FL-01A	40 CFR Part 60, Subpart A	60A-NA	Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18.	
FL-01A	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	
FL-02	30 TAC Chapter 111, Visible Emissions	30TAC111-02	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used only under emergency or upset conditions.</p>	
FL-02	40 CFR Part 60, Subpart A	60A-NA	Subject to 40 CFR § 60.18 = Flare is not subject to 40 CFR § 60.18.	
FL-02	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	
FL-03	30 TAC Chapter 111, Visible Emissions	30TAC111-01	<p>Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1.</p> <p>Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.</p>	
FL-03	40 CFR Part 60, Subpart A	60A	<p>Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18.</p> <p>Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4).</p> <p>Flare Assist Type = Air-assisted</p>	
FL-03	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
FL-07	30 TAC Chapter 111, Visible Emissions	30TAC111-01	Acid Gases Only = Flare is not used only as an acid gas flare as defined in 30 TAC § 101.1. Emergency/Upset Conditions Only = Flare is used under conditions other than emergency or upset conditions.	
FL-07	40 CFR Part 60, Subpart A	60A	Subject to 40 CFR § 60.18 = Flare is subject to 40 CFR § 60.18. Adhering to Heat Content Specifications = Adhering to the heat content specifications in 40 CFR § 60.18(c)(3)(ii) and the maximum tip velocity specifications in 40 CFR § 60.18(c)(4). Flare Assist Type = Air-assisted	
FL-07	40 CFR Part 63, Subpart A	63A	Required Under 40 CFR Part 63 = Flare is not required by a Subpart under 40 CFR Part 63.	
AU-01	40 CFR Part 60, Subpart LLL	1	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = After January 20, 1984 and on or before August 23, 2011. Acid Gas Vented = Acid gas is vented (acid gas is not completely reinjected into oil- or gas-bearing strata Design Capacity = Design capacity is less than 2 long tons/day.	
AU-02	30 TAC Chapter 112, Sulfur Compounds	112-1	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
AU-02	40 CFR Part 60, Subpart LLL	60LLL-1	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = On or before January 20, 1984. Acid Gas Vented = Acid gas is vented (acid gas is not completely reinjected into oil- or gas-bearing strata Design Capacity = Design capacity is less than 2 long tons/day.	
AV-01	30 TAC Chapter 112, Sulfur Compounds	REG2	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
AV-01	40 CFR Part 60, Subpart LLL	60LLL	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = On or before January 20, 1984. Acid Gas Vented = Acid gas is vented (acid gas is not completely reinjected into oil- or gas-bearing strata Design Capacity = Design capacity is less than 2 long tons/day.	
AV-03	30 TAC Chapter 112, Sulfur Compounds	REG2	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
AV-03	40 CFR Part 60, Subpart LLL	60LLL	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = After January 20, 1984 and on or before August 23, 2011.	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			Acid Gas Vented = Acid gas is vented (acid gas is not completely reinjected into oil- or gas-bearing strata) Design Capacity = Design capacity is less than 2 long tons/day.	
PROAU-02	30 TAC Chapter 112, Sulfur Compounds	112SRU-NA	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
PROAU-02	40 CFR Part 60, Subpart LLL	60LLL-001	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = On or before January 20, 1984.	
PROAU-04	30 TAC Chapter 112, Sulfur Compounds	112SRU-NA	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
PROAU-04	40 CFR Part 60, Subpart LLL	60LLL-001	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = On or before January 20, 1984.	
PROAU-05	30 TAC Chapter 112, Sulfur Compounds	112SRU-NA	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
PROAU-05	40 CFR Part 60, Subpart LLL	60LLL-001	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = On or before January 20, 1984.	
PROAU-7	30 TAC Chapter 112, Sulfur Compounds	112SRU-NA	Sulfur Recovery Plant = The gas sweetening unit is not using sulfur recovery.	
PROAU-7	40 CFR Part 60, Subpart LLL	60LLL-002	Onshore = The sweetening unit is located onshore at a gas processing plant. Construction Date = After January 20, 1984 and on or before August 23, 2011. Acid Gas Vented = Acid gas is vented (acid gas is not completely reinjected into oil- or gas-bearing strata) Design Capacity = Design capacity is less than 2 long tons/day.	
GRP-GGTE1	30 TAC Chapter 117, Subchapter B	117TURB-001	Service Type = Stationary gas turbine.	
GRP-GGTE1	40 CFR Part 60, Subpart GG	60GG-001	Duct Burner = The turbine is part of a combined cycle turbine system not equipped with supplemental heat (duct burner). NO <sub>x</sub> Control Method = No NO <sub>x</sub> control method is used. Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr). Construction/Modification Date = After October 3, 1977 and on or before January 27, 1982. NO <sub>x</sub> Allowance = The owner or operator is not electing to use a NO <sub>x</sub> allowance in determining emission	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>limits in 40 CFR § 60.332(a).</p> <p>NOx Monitoring Method = No continuous monitoring system is used.</p> <p>Sulfur Content = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>Turbine Cycle = Unit recovers heat from the gas turbine exhaust to heat water or generate steam.</p> <p>Fuel Type Fired = Natural gas meeting the definition in § 60.331(u).</p> <p>Subpart GG Service Type = Type of service other than research and development, emergency, military or electrical utility generation.</p> <p>Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.</p>	
GRP-GGTE2	30 TAC Chapter 117, Subchapter B	117TURB-002	Service Type = Stationary gas turbine.	
GRP-GGTE2	40 CFR Part 60, Subpart GG	60GG-002	<p>NOx Control Method = NO<sub>x</sub> control method other than water or steam injection or selective catalytic reduction.</p> <p>Peak Load Heat Input = Heat Input is greater or equal to 10 MMBtu/hr (10.7 GJ/hr) and less than or equal to 100 MMBtu/hr (107.2 GJ/hr).</p> <p>Construction/Modification Date = On or after October 3, 1982 and before July 8, 2004.</p> <p>NOx Allowance = The owner or operator is not electing to use a NO<sub>x</sub> allowance in determining emission limits in 40 CFR § 60.332(a).</p> <p>NOx Monitoring Method = No continuous monitoring system is used.</p> <p>Sulfur Content = Compliance is not demonstrated by determining the sulfur content of the fuel.</p> <p>Turbine Cycle = Unit does not recover heat from the gas turbine exhaust to preheat inlet combustion air; or to heat water or generate steam.</p> <p>Fuel Type Fired = Natural gas meeting the definition in § 60.331(u).</p> <p>Subpart GG Service Type = Type of service other than research and development, emergency, military or electrical utility generation.</p> <p>Fuel Supply = Stationary gas turbine is supplied its fuel without intermediate bulk storage.</p> <p>Turbine Combustion Process = Combustion process is lean-premix staged combustion.</p> <p>Fuel Monitoring Schedule = Fuel meets the definition of natural gas in 40 CFR § 60.331(u) and is not monitored.</p>	
AU-01	40 CFR Part 60, Subpart KKK	60KKK	<p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Construction/Modification Date = On or before January 20, 1984.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p>	
AU-01	40 CFR Part 63, Subpart HH	63HH	<p>CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE</p> <p>COMPRESSORS = COMPONENT NOT PRESENT</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT</p> <p>FLANGES AND OTHER CONNECTORS = COMPONENT NOT PRESENT</p> <p>FLARE = COMPONENT NOT PRESENT</p> <p>OPEN-ENDED VALVES OR LINES = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT NOT PRESENT</p> <p>PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT</p> <p>PUMPS = COMPONENT NOT PRESENT</p> <p>VALVES = COMPONENT NOT PRESENT</p> <p>VAPOR RECOVERY SYSTEM = COMPONENT NOT PRESENT</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT MEET THE CRITERIA</p> <p>RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL</p> <p>AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH.</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>COMPLYING WITH § 61.242-11(B) = NO</p> <p>COMPLYING WITH § 61.242-11(C) = NO</p> <p>COMPLYING WITH § 61.242-11(D) = NO</p> <p>COMPLYING WITH § 61.242-6 = NO</p> <p>COMPLYING WITH § 61.242-8 = NO</p> <p>COMPLYING WITH § 61.242-9 = NO</p> <p>VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is less than 10 % VHAP.</p> <p>COMPLYING WITH § 61.242-7 = NO</p> <p>COMPRESSORS COMPLYING WITH § 61.242-3 = NO</p> <p>LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE.</p> <p>PUMPS COMPLYING WITH § 61.242-2 = NO</p> <p>COMPLYING WITH § 61.242-4 = NO</p> <p>VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
AU-02	40 CFR Part 60, Subpart KKK	60KKK	<p>Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = Pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = No pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = No pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor not in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = Pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Not complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = No valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Not complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Not complying with 40 CFR 60.482-7.</p>	
COMP-75	40 CFR Part 60, Subpart OOOO	600000-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Reciprocating Compressor.</p>	
GSF-01	40 CFR Part 60, Subpart OOOO	630000-001	<p>Construction/Reconstruction/Modification Date = On or before August 23, 2011.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
GSF-01	40 CFR Part 63, Subpart HH	63HH	<p>CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE</p> <p>COMPRESSORS = COMPONENT NOT PRESENT</p> <p>ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT</p> <p>FLANGES AND OTHER CONNECTORS = COMPONENT PRESENT</p> <p>FLARE = COMPONENT NOT PRESENT</p> <p>OPEN-ENDED VALVES OR LINES = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT PRESENT</p> <p>PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT</p> <p>PUMPS = COMPONENT PRESENT</p> <p>VALVES = COMPONENT PRESENT</p> <p>VAPOR RECOVERY SYSTEM = COMPONENT NOT PRESENT</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>MEET THE CRITERIA</p> <p>RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL</p> <p>AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH.</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>COMPLYING WITH § 61.242-11(B) = NO</p> <p>COMPLYING WITH § 61.242-11(C) = NO</p> <p>COMPLYING WITH § 61.242-11(D) = NO</p> <p>COMPLYING WITH § 61.242-6 = NO</p> <p>COMPLYING WITH § 61.242-8 = YES</p> <p>COMPLYING WITH § 61.242-9 = NO</p> <p>VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is greater than or equal to 10 % VHAP.</p> <p>COMPLYING WITH § 61.242-7 = YES</p> <p>COMPRESSORS COMPLYING WITH § 61.242-3 = NO</p> <p>LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE.</p> <p>PUMPS COMPLYING WITH § 61.242-2 = YES</p> <p>COMPLYING WITH § 61.242-4 = YES</p> <p>VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE.</p>	
SF-01	40 CFR Part 60, Subpart KKK	60KKK	<p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Construction/Modification Date = On or before January 20, 1984.</p>	
SF-01	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-01	40 CFR Part 63, Subpart HH	63HH	<p>CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE</p> <p>COMPRESSORS = COMPONENT NOT PRESENT</p> <p>ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT</p> <p>FLANGES AND OTHER CONNECTORS = COMPONENT NOT PRESENT</p> <p>FLARE = COMPONENT NOT PRESENT</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>OPEN-ENDED VALVES OR LINES = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT NOT PRESENT</p> <p>PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT</p> <p>PUMPS = COMPONENT NOT PRESENT</p> <p>VALVES = COMPONENT NOT PRESENT</p> <p>VAPOR RECOVERY SYSTEM = COMPONENT NOT PRESENT</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>RECIPROCATING COMPRESSORS IN WET GAS SERVICE = SOME OR ALL COMPRESSORS DO NOT MEET THE CRITERIA</p> <p>RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL</p> <p>AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH.</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>COMPLYING WITH § 61.242-11(B) = NO</p> <p>COMPLYING WITH § 61.242-11(C) = NO</p> <p>COMPLYING WITH § 61.242-11(D) = NO</p> <p>COMPLYING WITH § 61.242-6 = NO</p> <p>COMPLYING WITH § 61.242-8 = NO</p> <p>COMPLYING WITH § 61.242-9 = NO</p> <p>VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is less than 10 % VHAP.</p> <p>COMPLYING WITH § 61.242-7 = NO</p> <p>COMPRESSORS COMPLYING WITH § 61.242-3 = NO</p> <p>LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE.</p> <p>PUMPS COMPLYING WITH § 61.242-2 = NO</p> <p>COMPLYING WITH § 61.242-4 = NO</p> <p>VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE.</p>	
SF-04	40 CFR Part 60, Subpart KKK	60KKK	Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.	-- Affected Pollutant - VOC: Deleted Related Standard

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p>	<p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>[G]§ 60.485(e) – Compressors not in light liquid service.</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	
SF-04	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-04A	40 CFR Part 60, Subpart KKK	60KKK	<p>Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = Pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = No pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p>	<p>-- Affected Pollutant - VOC:</p> <p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = No pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor not in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = Pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Not complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = No valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Not complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Not complying with 40 CFR 60.482-7.</p>	
SF-04A	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-05	40 CFR Part 60, Subpart KKK	60KKK	<p>Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p>	-- Affected Pollutant - VOC: Deleted Related Standard § 60.482-1(g) - Storage vessel is

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Heavy Liquid Service = No valves in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = Pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = No pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not</p>	<p>not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>[G]§ 60.485(e) – Compressors not in light liquid service.</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	
SF-05	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-05A	40 CFR Part 60, Subpart KKK	60KKK	<p>Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = Pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = No pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p>	<p>-- Affected Pollutant - VOC:</p> <p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor not in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = Pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Not complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = No valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Not complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Not complying with 40 CFR 60.482-7.</p>	
SF-05A	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-06	40 CFR Part 60, Subpart KKK	60KKK	Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.	-- Affected Pollutant - VOC:

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p>	<p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes</p> <p>Deleted Monitoring/Testing</p> <p>[G]§ 60.485(e) – Compressors not in light liquid service.</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	
SF-06	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-07	40 CFR Part 60, Subpart KKK	60KKK	<p>Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = No component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p>	<p>-- Affected Pollutant - VOC:</p> <p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>[G]§ 60.485(e) – Compressors not in light liquid service.</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Not complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	processes.
SF-07	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-08	40 CFR Part 60, Subpart KKK	60KKK02	Closed Vent Systems = Closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.	-- Affected Pollutant - VOC:

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = Pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = Pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = Component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Control Devices Used to Comply With AMEL = No control devices used to comply with AMEL.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = Pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor in wet gas service.</p> <p>AMEL = Not using alternate means of emission limitation.</p>	<p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>[G]§ 60.485(e) – Compressors not in light liquid service.</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = Flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	
SF-08	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	
SF-09	40 CFR Part 60, Subpart KKK	60KKK09	<p>2% Valves Leaking = The owner or operator is not electing to comply with an allowable percentage of valves leaking equal to or less than 2.0 percent.</p> <p>Closed Vent Systems = Closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = No pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = Component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p>	<p>-- Affected Pollutant - VOC:</p> <p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor not in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Control Devices Used to Comply With AMEL = No control devices used to comply with AMEL.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = No pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = Flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Not complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Not complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying with § 60.482-10 = Flares are complying with the requirements of § 60.482-10.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	
SF-09	40 CFR Part 60, Subpart OOOO	60-OOOO-001	<p>Construction/Reconstruction/Modification Date = After August 23, 2011, and on or before September 18, 2015.</p> <p>Affected Facility Type = Group of equipment with a process unit, other than a compressor, not subject to 40 CFR Part 60, Subparts VVa, GGG or GGGa.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
SF-2-3	40 CFR Part 60, Subpart KKK	60KKK01	<p>Closed Vent Systems = No closed-vent systems addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Facility Type = Affected facility is the group of all equipment except compressors within a process unit.</p> <p>Heavy Liquid Service = No pump in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Light Liquid Service = No pressure relief device in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Open-Ended Valves or Lines = No open-ended valves or lines addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vacuum Service = No component in vacuum service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Vapor Recovery System = No vapor recovery system addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Construction/Modification Date = After January 20, 1984 and on or before August 23, 2011.</p> <p>Gas/Vapor Service = Valves in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Non-VOC or Non-Wet Gas Service = Component in non-VOC or non-wet gas service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Facility Covered by 40 CFR Part 60, Subparts VV or GGG = Facility not covered by NSPS Subpart VV or Subpart GGG or NESHAP Subpart V.</p> <p>Light Liquid Service = Pump in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-6 = Complying with 40 CFR 60.482-6.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Compressors = Compressor in VOC or Wet Gas Service.</p> <p>Enclosed Combustion Device = No enclosed combustion device addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p> <p>Control Devices Used to Comply With AMEL = No control devices used to comply with AMEL.</p> <p>Flanges and Other Connectors = Flanges or other connectors addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Gas/Vapor Service = Pressure relief device in gas/vapor service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>Heavy Liquid Service = No pressure relief device in heavy liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p>	<p>-- Affected Pollutant - VOC:</p> <p>Deleted Related Standard</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p> <p>Deleted Monitoring/Testing</p> <p>[G]§ 60.485(e) – Compressors not in light liquid service.</p> <p>§ 60.482-1(f)(1) - Site does not utilize this optional monitoring frequency.</p> <p>§ 60.482-1(f)(2) - Pumps or Valves are not shared among two or more processes.</p> <p>[G]§ 60.482-1(f)(3) - Site does not utilize optional monitoring frequency specified in § 60.482-1(f)(1).</p> <p>Deleted Recordkeeping</p> <p>§ 60.482-1(g) - Storage vessel is not shared with multiple processes.</p>

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>Reciprocating Compressor in Wet Gas Service = Reciprocating compressor not in wet gas service (or not reciprocating compressor).</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Complying With § 60.482-10 = Not complying with 40 CFR 60.482-10.</p> <p>Complying With § 60.482-2 = Complying with 40 CFR 60.482-2.</p> <p>Light Liquid Service = Valves in light liquid service addressed in 40 CFR 60 (NSPS) Subpart KKK included in the fugitive unit.</p> <p>AMEL = Not using alternate means of emission limitation.</p> <p>Flare = No flare control device addressed in 40 CFR 60 (NSPS) Subpart KKK.</p> <p>Complying With § 60.482-3 = Complying with 40 CFR 60.482-3.</p> <p>Complying With § 60.482-4 = Complying with 40 CFR 60.482-4.</p> <p>Complying With § 60.482-8 = Not complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-8 = Complying with 40 CFR 60.482-8.</p> <p>Complying With § 60.482-7 = Complying with 40 CFR 60.482-7.</p>	
SF-ENGINE	40 CFR Part 63, Subpart HH	63HH	<p>CLOSED VENT SYSTEM AMEL = NO APPROVED ALTERNATE</p> <p>COMPRESSORS = COMPONENT PRESENT</p> <p>ENCLOSED COMBUSTION DEVICE = COMPONENT NOT PRESENT</p> <p>FLANGES AND OTHER CONNECTORS = COMPONENT NOT PRESENT</p> <p>FLARE = COMPONENT NOT PRESENT</p> <p>OPEN-ENDED VALVES OR LINES = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN GAS/VAPOR SERVICE = COMPONENT NOT PRESENT</p> <p>PRESSURE RELIEF DEVICE IN LIQUID SERVICE = COMPONENT NOT PRESENT</p> <p>PRODUCT ACCUMULATOR VESSEL = COMPONENT NOT PRESENT</p> <p>PUMPS = COMPONENT NOT PRESENT</p> <p>VALVES = COMPONENT NOT PRESENT</p> <p>VAPOR RECOVERY SYSTEM = COMPONENT NOT PRESENT</p> <p>AMEL = NO APPROVED ALTERNATE</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>RECIPROCATING COMPRESSORS IN WET GAS SERVICE = ALL COMPRESSORS MEET CRITERIA</p> <p>RELIEF DEVICE MONITORING = DEVICE IS NOT AT A NONFRACTIONATING FACILITY MONITORED ONLY BY NON-FACILITY PERSONNEL</p> <p>AMEL = NO APPROVED ALTERNATE MEANS OF EMISSION LIMITATION</p> <p>DESIGN CAPACITY LESS THAN 283,000 = PLANT IS FRACTIONATING OR NON-FRACTIONATING WITH DESIGN CAPACITY GREATER THAN 283,000 SCM/DAY</p> <p>Subject to Another Regulation = Fugitive unit is subject to and controlled under the provisions of 40 CFR part 63, Subpart HH.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
			<p>AMEL = NO APPROVED ALTERNATE</p> <p>COMPLYING WITH § 61.242-11(B) = NO</p> <p>COMPLYING WITH § 61.242-11(C) = NO</p> <p>COMPLYING WITH § 61.242-11(D) = NO</p> <p>COMPLYING WITH § 61.242-6 = NO</p> <p>COMPLYING WITH § 61.242-8 = NO</p> <p>COMPLYING WITH § 61.242-9 = NO</p> <p>VHAP WEIGHT PERCENT = Ancillary equipment or compressors contact fluid that is less than 10 % VHAP.</p> <p>COMPLYING WITH § 61.242-7 = NO</p> <p>COMPRESSORS COMPLYING WITH § 61.242-3 = YES</p> <p>LESS THAN 300 OPERATING HOURS = ALL COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE 300 HOURS OR MORE PER YEAR IN VHAP SERVICE.</p> <p>PUMPS COMPLYING WITH § 61.242-2 = NO</p> <p>COMPLYING WITH § 61.242-4 = NO</p> <p>VACUUM SERVICE = NO COMPRESSORS OR ANCILLARY EQUIPMENT OPERATE IN VACUUM SERVICE.</p>	
CT-1	40 CFR Part 63, Subpart Q	63Q01	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
CT-2	40 CFR Part 63, Subpart Q	63Q01	Used Compounds Containing Chromium on or After September 8, 1994 = The industrial process cooling tower has not used compounds containing chromium on or after September 8, 1994.	
EGV-03	40 CFR Part 63, Subpart HH	63HH-01	<p>Alternate Means of Emission Limitation (AMEL) = The EPA Administrator has not approved an alternate means of emission limitation in accordance with 40 CFR § 63.777 or no alternate has been requested.</p> <p>Control Device Type = Flare.</p> <p>Process Vent Control = BTEX emissions are limited by a control device or a combination of control devices through a closed-vent system.</p> <p>Bypass Device = The closed-vent system does not contain bypass devices that could be used to divert all or a portion of the gases, vapors, or fumes from entering the control device.</p> <p>HAP Source = Stationary source or group of stationary sources of HAPs meeting the definition of a major source as defined in 40 CFR § 63.761.</p> <p>Affected Source Type = Small glycol dehydration unit as defined in 40 CFR § 63.761.</p> <p>Sealed Closed Vent System = The closed-vent system contains joints, seams, or other connections that are permanently or semi-permanently sealed.</p> <p>Unsafe to Inspect = No parts of the closed-vent system are designated as unsafe to inspect.</p> <p>Difficult to Inspect = No parts of the closed-vent system are designated as difficult to inspect.</p> <p>Existing Unit = The affected source is an existing small glycol dehydration unit as defined in 40 CFR § 63.761.</p>	

Unit ID	Regulation	Index Number	Basis of Determination*	Changes and Exceptions to DSS**
GS-01	40 CFR Part 63, Subpart HH	63HH-02	<p>Alternate Means of Emission Limitation (AMEL) = The EPA Administrator has not approved an alternate means of emission limitation in accordance with 40 CFR § 63.777 or no alternate has been requested.</p> <p>Control Device Type = Flare.</p> <p>Process Vent Control = Process vent is connected to a control device or a combination of control devices through a closed-vent system and the outlet benzene emissions from the control device(s) are reduced to a level less than 0.90 megagrams per year.</p> <p>Bypass Device = The closed-vent system does not contain bypass devices that could be used to divert all or a portion of the gases, vapors, or fumes from entering the control device.</p> <p>HAP Source = Stationary source or group of stationary sources of HAPs meeting the definition of a major source as defined in 40 CFR § 63.761.</p> <p>Affected Source Type = Large glycol dehydration unit as defined in 40 CFR § 63.761.</p> <p>Sealed Closed Vent System = The closed-vent system contains joints, seams, or other connections that are permanently or semi-permanently sealed.</p> <p>Unsafe to Inspect = No parts of the closed-vent system are designated as unsafe to inspect.</p> <p>Difficult to Inspect = No parts of the closed-vent system are designated as difficult to inspect.</p>	

\* - The "unit attributes" or operating conditions that determine what requirements apply

\*\* - Notes changes made to the automated results from the DSS, and a brief explanation why

## NSR Versus Title V FOP

The state of Texas has two Air permitting programs, New Source Review (NSR) and Title V Federal Operating Permits. The two programs are substantially different both in intent and permit content.

NSR is a preconstruction permitting program authorized by the Texas Clean Air Act and Title I of the Federal Clean Air Act (FCAA). The processing of these permits is governed by 30 Texas Administrative Code (TAC) Chapter 116.111. The Title V Federal Operating Program is a federal program authorized under Title V of the FCAA that has been delegated to the state of Texas to administer and is governed by 30 TAC Chapter 122. The major differences between the two permitting programs are listed in the table below:

NSR Permit	Federal Operating Permit(FOP)
Issued Prior to new Construction or modification of an existing facility	For initial permit with application shield, can be issued after operation commences; significant revisions require approval prior to operation.
Authorizes air emissions	Codifies existing applicable requirements, does not authorize new emissions
Ensures issued permits are protective of the environment and human health by conducting a health effects review and that requirement for best available control technology (BACT) is implemented.	Applicable requirements listed in permit are used by the inspectors to ensure proper operation of the site as authorized. Ensures that adequate monitoring is in place to allow compliance determination with the FOP.
Up to two Public notices may be required. Opportunity for public comment and contested case hearings for some authorizations.	One public notice required. Opportunity for public comments. No contested case hearings.
Applies to all point source emissions in the state.	Applies to all major sources and some non-major sources identified by the EPA.
Applies to facilities: a portion of site or individual emission sources	One or multiple FOPs cover the entire site (consists of multiple facilities)
Permits include terms and conditions under which the applicant must construct and operate its various equipment and processes on a facility basis.	Permits include terms and conditions that specify the general operational requirements of the site; and also include codification of all applicable requirements for emission units at the site.
Opportunity for EPA review for Federal Prevention of Significant Deterioration (PSD) and Nonattainment (NA) permits for major sources.	Opportunity for EPA review, Affected states review, and a Public petition period for every FOP.
Permits have a table listing maximum emission limits for pollutants	Permit has an applicable requirements table and Periodic Monitoring (PM) / Compliance Assurance Monitoring (CAM) tables which document applicable monitoring requirements.
Permits can be altered or amended upon application by company. Permits must be issued before construction or modification of facilities can begin.	Permits can be revised through several revision processes, which provide for different levels of public notice and opportunity to comment. Changes that would be significant revisions require that a revised permit be issued before those changes can be operated.
NSR permits are issued independent of FOP requirements.	FOP are independent of NSR permits, but contain a list of all NSR permits incorporated by reference

## New Source Review Requirements

Below is a list of the New Source Review (NSR) permits for the permitted area. These NSR permits are incorporated by reference into the operating permit and are enforceable under it. These permits can be found in the main TCEQ file room,

located on the first floor of Building E, 12100 Park 35 Circle, Austin, Texas. The Public Education Program may be contacted at 1-800-687-4040 or the Air Permits Division (APD) may be contacted at 1-512-239-1250 for help with any question.

Additionally, the site contains emission units that are permitted by rule under the requirements of 30 TAC Chapter 106, Permits by Rule. The following table specifies the permits by rule that apply to the site. All current permits by rule are contained in Chapter 106. Outdated 30 TAC Chapter 106 permits by rule may be viewed at the following Web site:

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/old106list/index106.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/old106list/index106.html)

Outdated Standard Exemption lists may be viewed at the following Web site:

[www.tceq.texas.gov/permitting/air/permitbyrule/historical\\_rules/oldselist/se\\_index.html](http://www.tceq.texas.gov/permitting/air/permitbyrule/historical_rules/oldselist/se_index.html)

The status of air permits and applications and a link to the Air Permits Remote Document Server is located at the following Web site:

[www.tceq.texas.gov/permitting/air/nav/air\\_status\\_permits.html](http://www.tceq.texas.gov/permitting/air/nav/air_status_permits.html)

#### New Source Review Authorization References

Prevention of Significant Deterioration (PSD) Permits	
PSD Permit No.: PSDTX686M1	Issuance Date: 11/07/2014
Title 30 TAC Chapter 116 Permits, Special Permits, and Other Authorizations (Other Than Permits By Rule, PSD Permits, or NA Permits) for the Application Area.	
Authorization No.: 132521	Issuance Date: 07/08/2015
Authorization No.: 135596	Issuance Date: 10/15/2015
Authorization No.: 16926	Issuance Date: 11/07/2014
Permits By Rule (30 TAC Chapter 106) for the Application Area	
Number: 106.183	Version No./Date: 09/04/2000
Number: 106.352	Version No./Date: 09/04/2000
Number: 106.359	Version No./Date: 09/10/2013
Number: 106.454	Version No./Date: 11/01/2001
Number: 106.472	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 09/04/2000
Number: 106.511	Version No./Date: 06/13/2001
Number: 106.512	Version No./Date: 09/04/2000
Number: 106.512	Version No./Date: 06/13/2001

#### Emission Units and Emission Points

In air permitting terminology, any source capable of generating emissions (for example, an engine or a sandblasting area) is called an Emission Unit. For purposes of Title V, emission units are specifically listed in the operating permit when they have applicable requirements other than New Source Review (NSR), or when they are listed in the permit shield table.

The actual physical location where the emissions enter the atmosphere (for example, an engine stack or a sand-blasting yard) is called an emission point. For New Source Review preconstruction permitting purposes, every emission unit has

an associated emission point. Emission limits are listed in an NSR permit, associated with an emission point. This list of emission points and emission limits per pollutant is commonly referred to as the "Maximum Allowable Emission Rate Table", or "MAERT" for short. Specifically, the MAERT lists the Emission Point Number (EPN) that identifies the emission point, followed immediately by the Source Name, identifying the emission unit that is the source of those emissions on this table.

Thus, by reference, an emission unit in a Title V operating permit is linked by reference number to an NSR authorization, and its related emission point.

### **Monitoring Sufficiency**

Federal and state rules, 40 CFR § 70.6(a)(3)(i)(B) and 30 TAC § 122.142(c) respectively, require that each federal operating permit include additional monitoring for applicable requirements that lack periodic or instrumental monitoring (which may include recordkeeping that serves as monitoring) that yields reliable data from a relevant time period that are representative of the emission unit's compliance with the applicable emission limitation or standard. Furthermore, the federal operating permit must include compliance assurance monitoring (CAM) requirements for emission sources that meet the applicability criteria of 40 CFR Part 64 in accordance with 40 CFR § 70.6(a)(3)(i)(A) and 30 TAC § 122.604(b).

With the exception of any emission units listed in the Periodic Monitoring or CAM Summaries in the FOP, the TCEQ Executive Director has determined that the permit contains sufficient monitoring, testing, recordkeeping, and reporting requirements that assure compliance with the applicable requirements. If applicable, each emission unit that requires additional monitoring in the form of periodic monitoring or CAM is described in further detail under the Rationale for CAM/PM Methods Selected section following this paragraph.

### **Rationale for Compliance Assurance Monitoring (CAM)/ Periodic Monitoring Methods Selected**

#### **Periodic Monitoring:**

The Federal Clean Air Act requires that each federal operating permit include monitoring sufficient to assure compliance with the terms and conditions of the permit. Most of the emission limits and standards applicable to emission units at Title V sources include adequate monitoring to show that the units meet the limits and standards. For those requirements that do not include monitoring, or where the monitoring is not sufficient to assure compliance, the federal operating permit must include such monitoring for the emission units affected. The following emission units are subject to periodic monitoring requirements because the emission units are subject to an emission limitation or standard for an air pollutant (or surrogate thereof) in an applicable requirement that does not already require monitoring, or the monitoring for the applicable requirement is not sufficient to assure compliance:

Unit/Group/Process Information	
ID No.: GRP-GGTE2	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 40 CFR Part 60, Subpart GG	SOP Index No.: 60GG-002
Pollutant: NO <sub>x</sub>	Main Standard: § 60.332(a)(2)
Monitoring Information	
Indicator: NO <sub>x</sub> concentration in exhaust stream.	
Minimum Frequency: Quarterly.	
Averaging Period: N/A	
Deviation Limit: NO <sub>x</sub> concentration greater than 211ppm (percent by volume at 15 percent oxygen and on a dry basis).	
<p>Basis of monitoring:</p> <p>It is widely practiced and accepted to calibrate and use a portable analyzer or NO<sub>x</sub> CEMS/PEMS to measure NO<sub>x</sub> concentration with procedures such as EPA Test Method 7. The measured concentration along with stack flow rate or AP-42 factors and fuel consumption records may be used to demonstrate compliance with an underlying emission limit or standard. Additionally, measuring the NO<sub>x</sub> concentration is provided as a monitoring option for any control device because an increase in NO<sub>x</sub> concentration may be indicative of the control device performance. Outlet NO<sub>x</sub> concentration has been used as an indicator in many federal and state rules.</p>	

Unit/Group/Process Information	
ID No.: GRPTK210	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Repairs are not completed prior to refilling the storage vessel.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

<b>Unit/Group/Process Information</b>	
ID No.: GRPTK210	
Control Device ID No.: N/A	Control Device Type: N/A
<b>Applicable Regulatory Requirement</b>	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
<b>Monitoring Information</b>	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: No record of tank construction specifications.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

Unit/Group/Process Information	
ID No.: GRPTK403	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Repairs are not completed prior to refilling the storage vessel.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

Unit/Group/Process Information	
ID No.: GRPTK403	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: No record of tank construction specifications.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

Unit/Group/Process Information	
ID No.: GRPTK504	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Repairs are not completed prior to refilling the storage vessel.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

Unit/Group/Process Information	
ID No.: GRPTK504	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: No record of tank construction specifications.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

Unit/Group/Process Information	
ID No.: T-107	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Structural Integrity of the Pipe	
Minimum Frequency: Emptied and degassed	
Averaging Period: n/a	
Deviation Limit: Repairs are not completed prior to refilling the storage vessel.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

Unit/Group/Process Information	
ID No.: T-107	
Control Device ID No.: N/A	Control Device Type: N/A
Applicable Regulatory Requirement	
Name: 30 TAC Chapter 115, Storage of VOCs	SOP Index No.: 115TK-001
Pollutant: VOC	Main Standard: § 115.112(e)(1)
Monitoring Information	
Indicator: Record of Tank Construction Specifications	
Minimum Frequency: n/a	
Averaging Period: n/a	
Deviation Limit: No record of tank construction specifications.	
<p>Basis of monitoring:</p> <p>The periodic monitoring option provided for emission units using a submerged fill pipe is location of the submerged fill pipe and structural integrity of the pipe. The location and the integrity of the pipe ensure that loading operations are controlled to prevent splash fill and reduce generated vapors; therefore, less emissions are released to the atmosphere. This approach was included as an option by the EPA in the "Periodic Monitoring Technical Reference Document" (April 1999) to monitor VOC sources.</p>	

## Compliance Review

1. In accordance with 30 TAC Chapter 60, the compliance history was reviewed on June 28, 2017.

Site rating: 0.00 / High Company rating: 5.67 / Satisfactory

(High < 0.10; Satisfactory ≥ 0.10 and ≤ 55; Unsatisfactory > 55)

2. Has the permit changed on the basis of the compliance history or site/company rating? .....No

## Site/Permit Area Compliance Status Review

1. Were there any out-of-compliance units listed on Form OP-ACPS? .....No

2. Is a compliance plan and schedule included in the permit? .....No

## Available Unit Attribute Forms

OP-UA1 - Miscellaneous and Generic Unit Attributes

OP-UA2 - Stationary Reciprocating Internal Combustion Engine Attributes

OP-UA3 - Storage Tank/Vessel Attributes

OP-UA4 - Loading/Unloading Operations Attributes

OP-UA5 - Process Heater/Furnace Attributes

OP-UA6 - Boiler/Steam Generator/Steam Generating Unit Attributes

OP-UA7 - Flare Attributes

OP-UA8 - Coal Preparation Plant Attributes

OP-UA9 - Nonmetallic Mineral Process Plant Attributes

OP-UA10 - Gas Sweetening/Sulfur Recovery Unit Attributes

OP-UA11 - Stationary Turbine Attributes

OP-UA12 - Fugitive Emission Unit Attributes

OP-UA13 - Industrial Process Cooling Tower Attributes

OP-UA14 - Water Separator Attributes

OP-UA15 - Emission Point/Stationary Vent/Distillation Operation/Process Vent Attributes

OP-UA16 - Solvent Degreasing Machine Attributes

OP-UA17 - Distillation Unit Attributes

OP-UA18 - Surface Coating Operations Attributes

OP-UA19 - Wastewater Unit Attributes

OP-UA20 - Asphalt Operations Attributes

OP-UA21 - Grain Elevator Attributes

OP-UA22 - Printing Attributes

OP-UA24 - Wool Fiberglass Insulation Manufacturing Plant Attributes

OP-UA25 - Synthetic Fiber Production Attributes

OP-UA26 - Electroplating and Anodizing Unit Attributes

OP-UA27 - Nitric Acid Manufacturing Attributes

OP-UA28 - Polymer Manufacturing Attributes

OP-UA29 - Glass Manufacturing Unit Attributes

OP-UA30 - Kraft, Soda, Sulfite, and Stand-Alone Semichemical Pulp Mill Attributes

OP-UA31 - Lead Smelting Attributes

OP-UA32 - Copper and Zinc Smelting/Brass and Bronze Production Attributes

OP-UA33 - Metallic Mineral Processing Plant Attributes

OP-UA34 - Pharmaceutical Manufacturing

OP-UA35 - Incinerator Attributes

OP-UA36 - Steel Plant Unit Attributes

OP-UA37 - Basic Oxygen Process Furnace Unit Attributes

OP-UA38 - Lead-Acid Battery Manufacturing Plant Attributes

OP-UA39 - Sterilization Source Attributes

OP-UA40 - Ferroalloy Production Facility Attributes

OP-UA41 - Dry Cleaning Facility Attributes

OP-UA42 - Phosphate Fertilizer Manufacturing Attributes

OP-UA43 - Sulfuric Acid Production Attributes

OP-UA44 - Municipal Solid Waste Landfill/Waste Disposal Site Attributes

OP-UA45 - Surface Impoundment Attributes

OP-UA46 - Epoxy Resins and Non-Nylon Polyamides Production Attributes  
OP-UA47 - Ship Building and Ship Repair Unit Attributes  
OP-UA48 - Air Oxidation Unit Process Attributes  
OP-UA49 - Vacuum-Producing System Attributes  
OP-UA50 - Fluid Catalytic Cracking Unit Catalyst Regenerator/Fuel Gas Combustion Device/Claus Sulfur Recovery Plant Attributes  
OP-UA51 - Dryer/Kiln/Oven Attributes  
OP-UA52 - Closed Vent Systems and Control Devices  
OP-UA53 - Beryllium Processing Attributes  
OP-UA54 - Mercury Chlor-Alkali Cell Attributes  
OP-UA55 - Transfer System Attributes  
OP-UA56 - Vinyl Chloride Process Attributes  
OP-UA57 - Cleaning/Depainting Operation Attributes  
OP-UA58 - Treatment Process Attributes  
OP-UA59 - Coke By-Product Recovery Plant Attributes  
OP-UA60 - Chemical Manufacturing Process Unit Attributes  
OP-UA61 - Pulp, Paper, or Paperboard Producing Process Attributes  
OP-UA62 - Glycol Dehydration Unit Attributes  
OP-UA63 - Vegetable Oil Production Attributes